



Appendix C

Hazard Analysis Worksheet

Hazard Analysis Worksheet

1. What types of emergency situations have occurred in you community during the last five years?

2. Did any of these situations result in an emergency or disaster declaration?

Yes _____ No _____ Don't Know _____

If so, describe briefly.

3. What are the potential hazards that your community has the highest probability of facing now and in the future?

Natural	Technological	Intentional
<input type="checkbox"/> Floods <input type="checkbox"/> Winds <input type="checkbox"/> Wildland Fires <input type="checkbox"/> Lightning Fires <input type="checkbox"/> Tsunami <input type="checkbox"/> Ice <input type="checkbox"/> Tornado <input type="checkbox"/> Earthquake <input type="checkbox"/> Volcanic Eruptions <input type="checkbox"/> Pandemics	<input type="checkbox"/> HazMat Spill <input type="checkbox"/> Power Grid Failure <input type="checkbox"/> Explosives <input type="checkbox"/> Chemical Fire <input type="checkbox"/> Pipeline <input type="checkbox"/> Utility Services Failure <input type="checkbox"/> Poisons <input type="checkbox"/> Radioactive Materials <input type="checkbox"/> Chemical Waste	<input type="checkbox"/> Terrorism <input type="checkbox"/> Civil Disturbance <input type="checkbox"/> WMD <input type="checkbox"/> Strikes <input type="checkbox"/> Riots <input type="checkbox"/> Nuclear Attack <input type="checkbox"/> Nuclear Attack Fallout

Job Aid: Hazard Analysis Worksheet**Hazard:** _____**Frequency of Occurrence:**

- ☐ **Highly likely** (Near 100% in the next year)
- ☐ **Likely** (Between 10% and 100% probability in the next year, or at least one chance in the next 10 years)
- ☐ **Possible** (Between 1% and 10% probability in the next year, or at least one chance in the next 100 years)
- ☐ **Unlikely** (Less than 1% probability in the next 100 years)

Seasonal pattern?

- ☐ No
- ☐ Yes (Specify season(s) when hazard occurs): _____

Potential Impact:

- ☐ **Catastrophic** (Multiple deaths; shutdown of critical facilities for 1 month or more; more than 50% of property severely damaged)
- ☐ **Critical** (Injuries or illness resulting in permanent disability; shutdown of critical facilities for at least 2 weeks; 25% to 50% of property severely damaged)
- ☐ **Limited** (Temporary injuries; shutdown of critical facilities for 1-2 weeks; 10% to 25% of property severely damaged)
- ☐ **Negligible** (Injuries treatable with first aid; shutdown of critical facilities for 24 hours or less; less than 10% of property severely damaged)

Are any areas or facilities more likely to be affected (e.g. air, water, or land; infrastructure)? If so, which?

Job Aid: Hazard Analysis Worksheet (Continued)**Speed of Onset:**

- ☐ Minimal or no warning
- ☐ 6 to 12 hours warning
- ☐ 12 to 24 hours warning
- ☐ More than 24 hours warning

Potential for Cascading Effects?

- ☐ No
- ☐ Yes (Specify effects):

Additional Questions:

4. Do you know the future land use and zoning plans for your locality?
5. Do you know the location of the flood hazard areas in your community?
6. Are your codes adequate to ensure that future construction does not aggravate existing hazards?
7. Have you accounted for the special populations in your community (Elderly, Institutionalized, Health Care facilities, Schools, Day Care Centers, Physically or Emotionally Impaired & Non-English Speaking)?
8. What is the projected industrial growth within your area during the next five years?
9. Have you surveyed your area for appropriate emergency shelter facilities?
10. Have adequate numbers of shelter management personnel been trained for immediate assignment?
11. Is there currently an emergency management program in your area?